

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A process for powder coating, comprising applying a powder to a conductive surface or to a layer on said surface to form a coating on said surface or layer, wherein the powder is formed by aggregating and coalescing particles in an aqueous dispersion, said particles including resin particles.
2. (Original) The process of claim 1, wherein the powder is heated to melt the powder onto the conductive surface or layer, thereby forming said coating.
3. (Original) The process of claim 1, wherein the powder is cured to form said coating.
4. (Original) The process of claim 1, wherein said conductive surface is a metallic surface.
5. (Currently Amended) The process of claim 1, wherein said powder has a volume average diameter of less than or equal to about 30 microns.
6. (Currently Amended) The process of claim 5, wherein said powder has a volume average diameter of about 3 to about 20 microns.
7. (Original) The process of claim 1, wherein during said aggregating said resin particles are aggregated with colorant to form powder particles comprising at least one resin and at least one colorant.
8. (Original) The process of claim 7, wherein said at least one colorant is at least one pigment.
9. (Original) The process of claim 1, wherein during said aggregating said resin particles are aggregated with at least one of fillers and leveling agents to form powder particles comprising at least one resin and at least one of fillers and leveling agents.

10. (Currently Amended) The process of claim 1, wherein the resin particles comprise at least one resin selected from the group consisting of epoxy resins, polyester resins, acrylic resins, polyamide resins, polyolefin resins, plasticized ~~PVC~~polyvinyl chloride, polyester and poly (vinylidene fluoride), and ionomers, and copolymers and mixtures thereof.

11. (Original) The process of claim 1, wherein the resin particles comprise at least one curable resin.

12. (Original) The process of claim 11, wherein said powder further comprises at least one curing agent,

 said process further comprising activating the curing agent to initiate curing of said powder, and allowing said powder to cure.

13. (Original) A process for powder coating, comprising:

- a) forming powder by:
 - i) aggregating, in an aqueous dispersion, particles including at least resin particles to form aggregated particles;
 - ii) coalescing said aggregated particles to form fused particles; and
 - iii) removing said fused particles from said aqueous dispersion to form said powder; and
- b) applying said powder to a conductive surface or to a layer on said surface to form a coating on said surface or layer.

14. (Original) A process for forming a powder coating applicator containing powder for use in powder coating, comprising:

- a) aggregating, in an aqueous dispersion, particles including at least resin particles to form aggregated particles;
- b) coalescing said aggregated particles to form fused particles;

c) removing said fused particles from said aqueous dispersion to form powder; and

d) loading the powder into an applicator for use in powder coating.

15. (Original) The process of claim 14, wherein during said aggregating the resin particles are aggregated with at least one colorant.

16. (Original) The process of claim 14, wherein during said aggregating the resin particles are aggregated with at least one of fillers and leveling agents.

17. (Original) The process of claim 14, wherein the resin particles comprise at least one curable resin.

18. (Original) The process of claim 17, wherein during said aggregating the resin particles are aggregated with at least one curing agent.

19. (Currently Amended) The process of ~~claim 1, wherein~~ claim 14, wherein said powder has a volume average diameter less than or equal to about 30 microns.

20. (Original) A powder coating applicator formed by the process of claim 14.

21. (New) The process of claim 1, wherein the powder has a geometric size distribution of about 1.10 to about 1.25.

22. (New) The process of claim 1, wherein the resin particles comprise at least one thermoset resin.

23. (New) The process of claim 1, wherein the resin particles comprise at least one thermoplastic resin.

24. (New) The process of claim 1, wherein the resin particles have a volume average diameter from about 5 to about 500 nm and wherein the resin particles compose about 5 to about 40 percent by weight of the aqueous dispersion.

25. (New) The process of claim 1, wherein during said aggregating said resin particles are aggregated with at least one additive to form powder particles.

26. (New) The process of claim 25, wherein the at least one additive is selected from the group consisting of magnetites, flocculates, charge additives, flow-promoting agents, flow-control agents, plasticizers, stabilizers, anti-gassing and degassing agents, antioxidants, UV absorbers, light stabilizers, waxes and mixtures thereof.

27. (New) The process of claim 13, wherein, after removing said fused particles from said aqueous dispersion, said fused particles are dry-blended with at least one additional additive to form said powder.

28. (New) The process of claim 27, wherein, the at least one additional additive is selected from the group consisting of surface additives, fluidity assisting additives, flow-promoting agents, flow-control agents, curing agents, fillers, charge additives and mixtures thereof.

29. (New) The process of claim 1, wherein the powder contains resin in an amount of from about 50 to about 100 percent by weight and the powder contains colorant in an amount of from about 1 to about 20 percent by weight

30. (New) The process of claim 1, wherein the aggregating is accomplished at a temperature below the glass transition temperature of the resin particles.

31. (New) The process of claim 1, wherein the aggregating is accomplished at a temperature of from about 25°C to about 60°C.

32. (New) The process of claim 1, wherein the aggregating is accomplished at a temperature of from about 1°C to about 25°C below the glass transition temperature of the resin particles.

33. (New) The process of claim 1, wherein the coalescing is accomplished at a temperature above the glass transition temperature of the resin particles.

34. (New) The process of claim 1, wherein the coalescing is accomplished at a temperature of from about 70°C to about 120°C.

35. (New) The process of claim 1, wherein the coalescing is accomplished at a temperature in the range from about 5°C to about 50°C above the glass transition temperature of the resin particles.

36. (New) A powder coating composition comprising a powder formed by aggregating and coalescing particles in an aqueous dispersion, wherein said powder comprises resin and filler, and is substantially free of colorant.

37. (New) A process, comprising applying a powder over a conductive surface, wherein the powder is formed by aggregating and coalescing particles in an aqueous dispersion.

38. (New) The process of claim 37, wherein the powder is heated to melt the powder onto the conductive surface, thereby forming a coating on the conductive surface.

39. (New) The process of claim 37, wherein the particles comprise styrene-acrylate resin.

40. (New) The process of claim 37, wherein the particles comprise at least one colorant selected from the group consisting of cyan colorants, magenta colorants and yellow colorants.